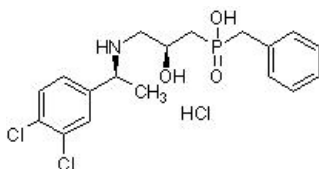


# CGP 55845 hydrochloride, GABAB antagonist ab120337

31 References 2 图像

## 概述

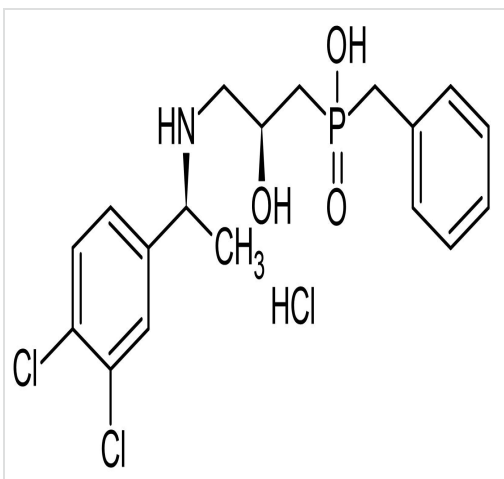
产品名称	CGP 55845 hydrochloride, GABAB拮抗剂
描述	Potent, selective GABA <sub>B</sub> 拮抗剂
CAS编号	149184-22-5
化学结构	



## 性能

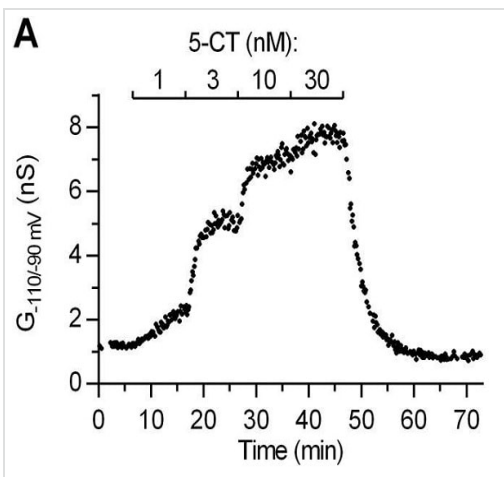
化学名称	[(2S)-3-[[[(1S)-1-(3,4-Dichlorophenyl)ethyl]amino]-2-hydroxypropyl](phenylmethyl)phosphinic acid hydrochloride
分子量	438.72
分子式	C <sub>18</sub> H <sub>22</sub> Cl <sub>2</sub> NO <sub>3</sub> P.HCl
PubChem识别号	9954841
存放说明	Store at Room Temperature. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
SMILES	<chem>C[C@@H](C1=CC(=C(C=C1)Cl)Cl)NC[C@@H](CP(=O)(CC2=CC=CC=C2)O)O.Cl</chem>
来源	Synthetic

## 图片



Chemical Structure - CGP 55845 hydrochloride,  
GABA<sub>B</sub> antagonist (ab120337)

2D chemical structure image of ab120337, CGP 55845  
hydrochloride, GABA<sub>B</sub> antagonist



Functional Studies - CGP 55845 hydrochloride,  
GABA<sub>B</sub> antagonist (ab120337)

Montalbano et al PLoS One. 2015 Oct  
13;10(10):e0140369. doi:  
10.1371/journal.pone.0140369. eCollection 2015. Fig 1.  
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### 5-CT-activated inwardly rectifying K<sup>+</sup> conductance in 5-HT neurons displays limited desensitization.

(A) Time-course of a representative experiment ( $n = 6$ ) showing the effect of increasing concentrations of bath applied 5-HT<sub>1A</sub> receptor agonist, 5-CT on inwardly rectifying K<sup>+</sup> conductance ( $G_{-110/-90 \text{ mV}}$ ) in a dorsal raphe 5-HT neuron. Extracellular solution contained 5.5 mM K<sup>+</sup> and a mix of synaptic blockers (including ab120337). In this Fig time indicates duration of whole-cell configuration.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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